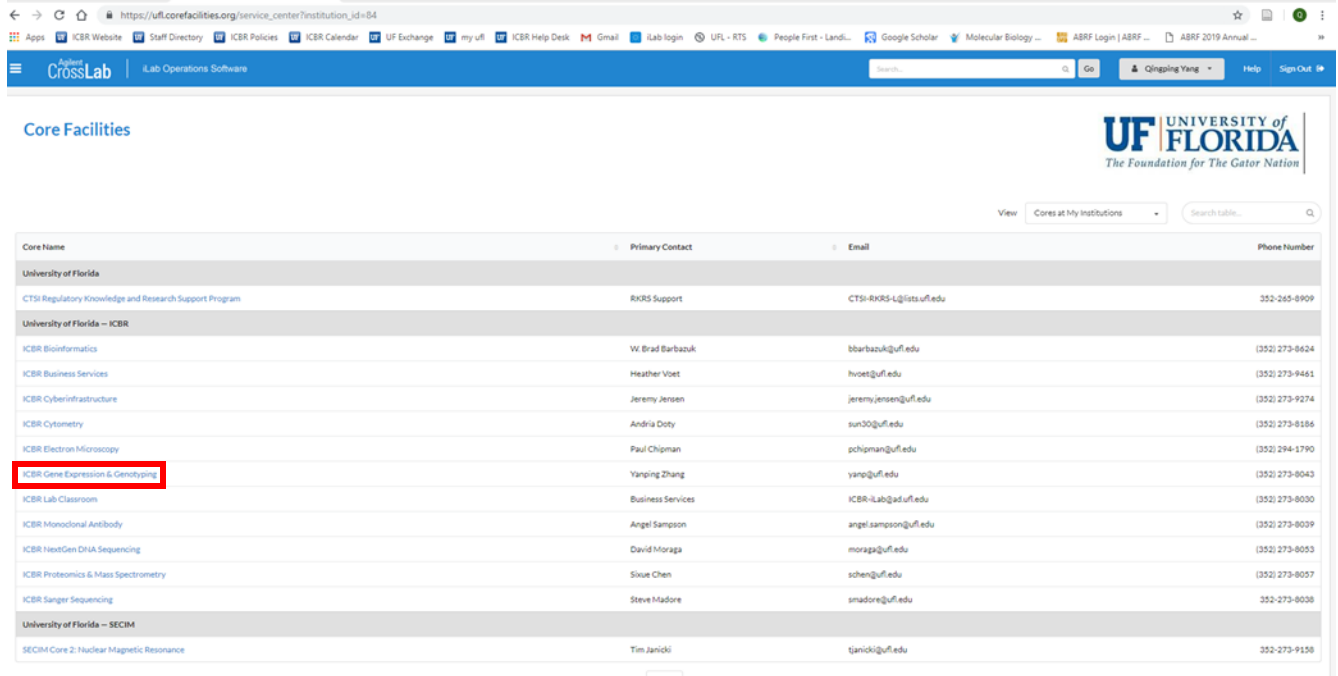
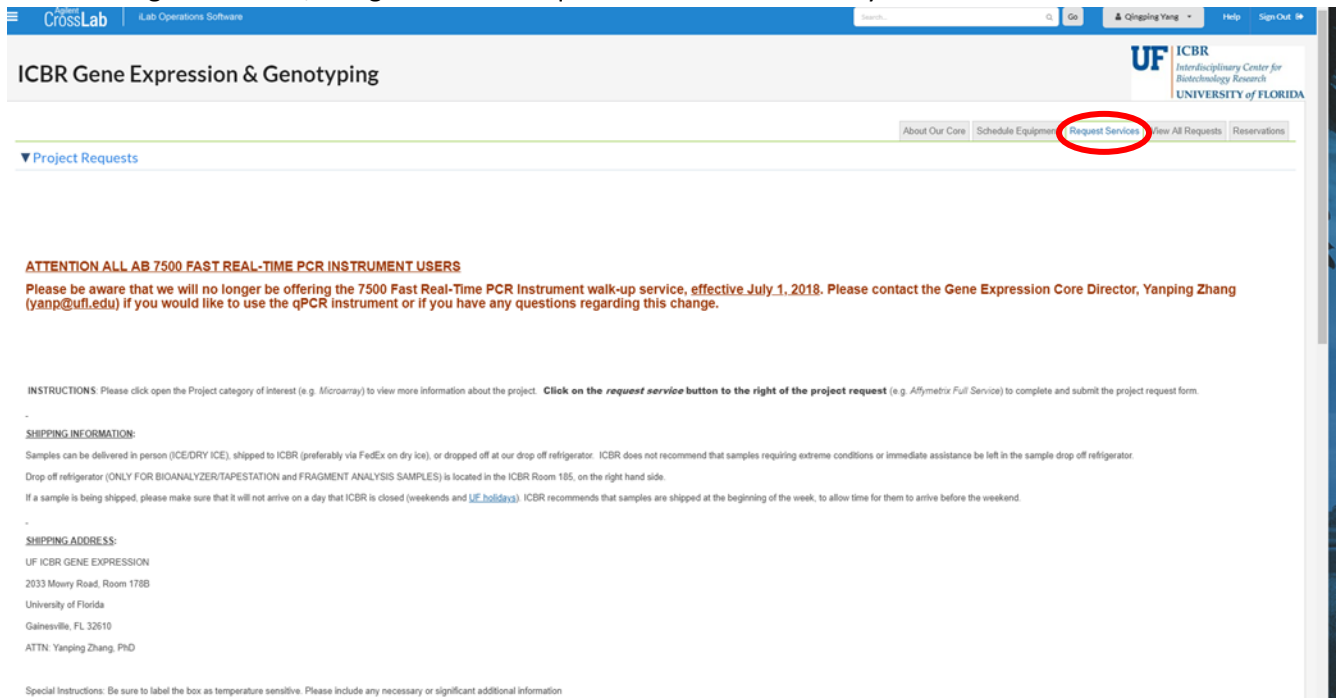


Featured Project: AmpureClean-PrimerTransfer-Bravo Automation

1. After creating an account and logging in, navigate to our core by clicking “list all cores”, then selecting ICBR Gene Expression & Genotyping.



2. After clicking on the core, navigate to the “Request Services” tab where you will see a list of our services offered.



3. Scroll to the category of the project you want, and click the triangle to drop down more information. Select “Initiate Request” after reviewing the description and ensuring this is the correct project.

▼ Bravo Automations (2)

Bravo 16s and RNAseq Library Automation (Bravo Automations) ▶ initiate request

16s ribosomal RNA sequencing can be used to identify and compare bacteria present within a given sample.

RNA-Seq is a powerful research tool for expression and variant analysis. Its application includes quantifying mRNA abundance, determining the transcriptional structure of genes, start sites, 5' and 3' ends, and splicing patterns, comparably detecting the changing expression levels of each transcript during development and under different conditions. It picks up all sequences that are present in the cell, regardless of their annotation status.

Gene Expression Core offers library preparation automation by Agilent Bravo Automation Workstation. The constructed libraries can be run on all NextGen sequencing platforms: Illumina HiSeq, MiSeq, and NextSeq. Sequence can be done by ICBR NextGen Sequencing Core.

We also offer Agilent's SureSelect Target Enrichment platform which allows you to focus your NextGen sequencing workflow on key genomic regions of interest while reducing cost per sample. Other NextGen relative services include cDNA library construction, normalization and rRNA depletion (Ribominus). If requested, we will directly deliver the libraries to our ICBR NextGen Sequencing Core with an e-mail notification to you. Otherwise the library will be return to you.

Custom Bravo Run (Bravo Automations) ▶ initiate request

The service includes the Bravo consumables and run assistance.

- ▶ Cell-Line Authentication (Human) (1)
- ▶ Custom Project (1)
- ▶ Digital PCR Analysis (1)
- ▶ Genotyping (3)
- ▶ Microarray (4)
- ▶ RNA DNA QC (3)
- ▶ RNA Seq and Nextgen Library Related Service (1)
- ▶ Sample Prep (1)
- ▶ Sequencing Load Only (1)
- ▶ Single Cell Analysis (1)
- ▶ Training (1)
- ▶ qPCR (4)

4. Type **your** name into the search bar, your institution/lab should appear as well. Select it and click “Proceed.”
- ICBR Gene Expression & Genotyping**

UT Interdisciplinary Center for Biotechnology Research UNIVERSITY of FLORIDA

About Our Core | Schedule Equipment | Request Services | View All Requests | Reservations

Bravo 16s and RNAseq Library Automation

PERSON search within: current customers | this institution | All

Yanping Zhang ICBR Gene Expression & Genotyping Core (UF) Lab (+1) yanp@ufl.edu 3522738036

lab ICBR Gene Expression & Genotyping Core (UF) Lab ▶ Proceed ✖ Cancel

5. Fill out the form below and upload sample names in a worksheet format. Do not worry about the request name ICBR-GE-[CID], this will auto-complete upon submission.

Labels

1) Forms and Request Details (see bottom of list to add items to this request)

View Form **Bravo Automation Form** Visible | Not Started

Please complete the form below and click 'save completed form' to provide the core with details regarding your request. Required fields are marked by a red star.

★ Number of Samples:

★ Name of the columns:

★ Please select the service(s) you would like to request:

- AmpureBead Clean up Per Run w/24 samples
- Ampure not included
- AmpureBead Clean up Per Run w/32 samples
- Ampure not included
- AmpureBead Clean up Per Run w/48 samples
- Ampure not included
- AmpureBead Clean up Per Run w/96 samples
- Ampure not included
- Primer transfer from 96-well to 384-well plate Per Run w/up to 5 plates
- Primer transfer from 96-well to 384-well plate Per Run w/up to 10 plates
- Primer transfer from 96-well to 384-well plate Per Run w/up to 20 plates

★ Kit provided:

★ Sample Sheet Instructions: Please upload your sample sheet with the specific information requested for each sample: SAMPLE NAME, ORGANISM, OD 260/280, TOTAL RNA CONCENTRATION (ng/ul), VOLUME OF TOTAL RNA, RNA PURIFICATION METHOD, SOLVENT, DNase TREATMENT.

★ Sample Sheet: ▶ please upload

Use of ICBR services constitutes acceptance and agreement to abide by ICBR Terms and Conditions. ICBR Terms and Conditions

★ I affirm that I have read and agree to all ICBR Terms and Conditions. Yes

★ Special Request (such as special indexes are needed to be used, pooling ratio for each sample, and extra pre-made libraries need to be pooled together with this project) Please write "No" if no special request is needed.

▶ Save Progress

6. Save your form if you have finished it, or save a draft to come back to later. Input your payment information, using the account or credit card that you would like to project billed to. When you are finished, either submit the request to our core, or save a draft if it is not complete.

2 Cost

Please provide the customer with a final quote for this request. The quote will be based on the services and charges you have added above and any "buffer" you have added. The "buffer" amount is for services or charges that you have not yet defined but that you expect to arise during the course of the request.

⚙ Add value or percent buffer:
as percentage amount: 0 %

⚙ Quote (total predicted cost):
\$0.00 (automatic total of any services, charges or buffer added to this request)

3 Payment Information

Please enter one or more charges

UF Chartfield | Select UF Chartfield

enter additional payment information

Skip approval?

7. You are now finished, and should receive an email from no-reply@ilabsolutions.com with a copy of your form and a GE-ID number which we will use to track your project. Please print the form and bring it with you when you deliver your samples.
8. Drop off your samples and form with GE-ID to ICBR Gene Expression & Genotyping Core, located in CGRC Room 178B. If you are shipping your samples, please be sure to include your name, your institution/lab, and GE-ID. We recommend sending temperature-sensitive samples on dry ice. Please clearly address the package as follows:

UF ICBR GENE EXPRESSION
2033 Mowry Road, Room 178B
University of Florida
Gainesville, FL 32610
ATTN: Yanping Zhang, PhD

If you have any additional questions, please feel free to contact our core at (352)-273-8036, or email us at ICBR-GeneExpression@ad.ufl.edu. Thank you!